

Rec'd PCT/PTO 03 OCT 2005

10/531/562 PTO/SB/01 (08-03)  
Approved for use through 07/13/2006. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION</b>  (37 CFR 1.63)  <input type="checkbox"/> Declaration Submitted with Initial Filing OR <input checked="" type="checkbox"/> Declaration Submitted After Initial Filing surcharge) (37 CFR .16(e))	ATTORNEY DOCKET NUMBER	970446-99380
	FIRST NAMED INVENTOR:	David F. Sim et al
	<b>COMPLETE IF KNOWN</b>	
	Application Number	10/531,562
	Filing Date	
	Art Unit	
	Examiner Name	

**I HEREBY DECLARE THAT:**

Each inventor's residence, mailing address, and citizenship are as stated below next to my name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**MUD PULSE LANDING ASSEMBLY FOR USE IN DIRECTIONAL DRILLING**

(Title of Invention)

the specification of which

☐ is attached hereto

OR

☒ was filed on (MM/DD/YYYY) **October 17, 2003** as United States Application Number or PCT International

Application Number **PCT/CA2003/001593** amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	COUNTRY	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached	
PCT/CA2003/001593 and CA 2,408,868		October 17, 2003 October 18, 2002	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 3]

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office., U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.  
**SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**DECLARATION - Utility or Design Patent Application**

Direct all correspondence to: ☒ Customer Number 23644 or ☐ Correspondence address below

NAME

ADDRESS

CITY

STATE

ZIP

COUNTRY

TELEPHONE

FAX

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**NAME OF SOLE OR FIRST INVENTOR**☐ A petition has been filed for this unsigned inventor

Given Name  
(first and middle [if any]) David F.

Family Name  
or Surname SIM

Inventor's  
Signature David F. Sim

Date: 27th April 2005

Residence: CanadaState: AlbertaCountry: CanadaCitizenship: Canada

Mailing Address: 623 Wilderness Drive SE

City: CalgaryState: AlbertaZip: T2J 1Z4Country: Canada**NAME OF SECOND INVENTOR:**☐ A petition has been filed for this unsigned inventor

Given Name  
(first and middle [if any]) Michael T.

Family Name  
or Surname Sutherland

Inventor's  
Signature Michael T. Sutherland

Date: April 27, 2005

Residence: CanadaState: AlbertaCountry: CanadaCitizenship: Canada

Mailing Address: 139 Douglas Glen Manor SE

City: CalgaryState: AlbertaZip: T2Z 3Y5Country: Canada

☐ Additional inventors or a legal representative are being named on supplemental sheet(s) PTO/SB/02A or 02LR are attached